

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/590, 648  
Source: IFWO  
Date Processed by STIC: 09/06/2006

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 09/06/2006

PATENT APPLICATION: US/10/590,648

TIME: 10:16:48

Input Set : A:\PLOUG26.002APC.TXT

Output Set: N:\CRF4\09062006\J590648.raw

```

. 4 <110> APPLICANT: Jensen, Gert Bolander
5       Thomsen, Lars
6       Veltman, Oene Robert
8 <120> TITLE OF INVENTION: METHOD, KIT AND SYSTEM FOR ENHANCED
9       NESTED PCR
11 <130> FILE REFERENCE: PLOUG26.002APC
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/590,648
C--> 13 <141> CURRENT FILING DATE: 2006-08-23
13 <150> PRIOR APPLICATION NUMBER: PCT/DK2005/000131
14 <151> PRIOR FILING DATE: 2005-02-25
16 <150> PRIOR APPLICATION NUMBER: DK PA 2004 00304
17 <151> PRIOR FILING DATE: 2004-02-26
19 <160> NUMBER OF SEQ ID NOS: 14
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 20
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Artificial oligonucleotide primer
31 <400> SEQUENCE: 1
32 ggcgaaacat gacgaaaaac                                20
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 25
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Artificial oligonucleotide primer
42 <400> SEQUENCE: 2
43 cctcgttatg tagcaatcgt attac                            25
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 17
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Artificial oligonucleotide primer
53 <400> SEQUENCE: 3
54 ttacgtgacg tcccatc                                    17
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 17
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:

```

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62 <223> OTHER INFORMATION: Artificial oligonucleotide primer
64 <400> SEQUENCE: 4
65 tgcgacatgg gtacaac 17
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 23
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <221> NAME/KEY: misc_feature
74 <222> LOCATION: 1
75 <223> OTHER INFORMATION: FAM
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: 23
80 <223> OTHER INFORMATION: BHQ
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Artificial oligonucleotide probe
85 <400> SEQUENCE: 5
W--> 86 ncaaccatcg tcacgtctaa ttn 23
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 28
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Artificial oligonucleotide primer
96 <400> SEQUENCE: 6
97 aaaaggtaac aaattactta gttgatgg 28
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 27
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Artificial oligonucleotide primer
107 <400> SEQUENCE: 7
108 cgaagttaaa ttactccctt cttcctt 27
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Artificial oligonucleotide primer
118 <400> SEQUENCE: 8
119 gggttatatg ttccagaatc 20
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 22
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Artificial oligonucleotide primer

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```

129 <400> SEQUENCE: 9
130 gtaactaaat cagattggtt ct                                22
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 28
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: 1
140 <223> OTHER INFORMATION: FAM
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: 28
145 <223> OTHER INFORMATION: BHQ
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Artificial oligonucleotide probe
150 <400> SEQUENCE: 10
W--> 151 ngaccttcaa aagggtgtaga attaaggn                      28
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 25
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Artificial oligonucleotide primer
161 <400> SEQUENCE: 11
162 aatatcaata accttacagc aaccc                                25
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 23
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Artificial oligonucleotide primer
172 <400> SEQUENCE: 12
173 atgcattaac ctaaaggctt ctg                                  23
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 17
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Artificial oligonucleotide probe
183 <400> SEQUENCE: 13
184 ccatcgtcac cgtcaat                                         17
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 21
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Artificial oligonucleotide probe
194 <400> SEQUENCE: 14

```

**RAW SEQUENCE LISTING**

PATENT APPLICATION: **US/10/590,648**

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Input Set : **A:\PLOUG26.002APC.TXT**

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195 tcaaaagggtg tagaattaag g

21

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 09/06/2006

PATENT APPLICATION: US/10/590,648

TIME: 10:16:49

Input Set : A:\PLOUG26.002APC.TXT

Output Set: N:\CRF4\09062006\J590648.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 1,23

Seq#:10; N Pos. 1,28

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/590,648

DATE: 09/06/2006

TIME: 10:16:49

Input Set : A:\PLOUG26.002APC.TXT

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0